Supplement to the

"Proceedings of the Indian Academy of Sciences"

INDEX TO VOL. LXXII (B)

AUTHORS' INDEX

Arekal, Govindappa, D., Girijamma, S. and Swamy, S. N. R. — Contribution to the embryology of *Lindernia hyssopioides* (L.) Haines, 221.

Awasthi, D. D. .. On *Alectoria acanthodes Hue*, *Alectoria confusa* sp. nov. and systematic position of the genus *Alectoria*, 149.

Azariah, Jayapaul .. Studies on the cephalochordates of Madras Coast, VI, 216.

Babu, D. R. C. .. *See* Parthasarathi and others.

Dehadrai, Padmakar V. .. Observations on certain environmental features at the Dona Paula Point in Marmugao Bay, Goa, 56.

.. Charges in the environmental features of the Zuari and Mandovi estuaries in relation to tides, 68.

Deshpande, K. B. .. *See* Mantri and Deshpande.

Gharpure, M. B. .. The acetylcholine-atropine antagonism as determined by a series of pA values, 33.

Ghosh, R. K. .. *See* Soota and others.

Girijamma, S. .. *See* Arekal and others.

Goswami, O. B., Jain, S. P. and Khanna, S. S. — Some observations on the branchiocephalic arterial system of teleosts, 187.

.. Studies on the visceral venous system of some teleosts, 194.

Gupta, J. H. .. *See* Sastry and others.

Husain, A. .. *See* Sastry and others.

Inamdar, J. A. .. Epidermal structure and development of stomata in some Polygonaceae, 91.

Iswaran, V., Jayasanker, N. P., Jauhri, K. S. and Rao, N. S. Subba — Nodulation of soyabean as influenced by the liquid endosperm of coconut, 236.

Jain, S. P. .. *See* Goswami and others.

Jain, S. P. and Srivastava, O. N. — On the validity of some species of the genus *Patagifer* (Trematoda: Echinostomatidae), 156.

Jauhri, K. S. .. *See* Iswaran and others.

Jayasanker, N. P. .. *See* Iswaran and others.

Kapoor, J. J. and Tandon, R. N. — Assimilation of raffinose by two pathogenic fungi, 261.

Khanna, S. S. .. *See* Goswami and others.

Kusuma Kumari .. *See* Tasneem Fathima and Kusuma Kumari.

Leelavathy, K. M. .. Amino-acids and sugars in the exudates from germinating seeds of rice, 81.

Mahalakshmi, N. and Sheriff, A. — Karyomorphological studies in *Drimiopsis kirkii* Baker, 270.

Manju Sharma .. A study of brachysclereids in two members of Capparidaceae, 47.

Mantri, J. M. and Deshpande, K. B. — Physiological studies on the genus *Phytophthora*, I, 129.

Naganna, C. .. *See* Pathan and Naganna.

Natarajan, R. .. *See* Subrahmanyam and Natarajan.

Pandey, K. C. .. Studies on metacercaria of freshwater fishes of India, III, 162.

Pandotra, V. R. .. *See* Sastry and others.

Parthasarathi, K., Babu, D. R. C. and Rao, P. S. — Studies on sandal spike, VIII, 277.

Pathan, A. M. and Naganna, C. — Minerographic study of some of the sulphide ores from Ingaldhal, Chitaldurg District, Mysore State, 41.

Raman, C. V. .. The florachromes: their chemical nature and spectroscopic behaviour, 1.

Rao, L. Narayana .. Life-history of *Cycas circinalis* L., IV, 179.

Rao, N. S. Subba .. *See* Iswaran and others.

Rao, P. S. .. *See* Parthasarathi and others.

Rao, V. N. R. .. Studies on *Cyclotella meneghiniana* Kütz., I, 285.

Sadashivaiah, M. S. and Subbarayudu, G. V. Orthopyroxenes from the Kondavidu charnockites, Guntur District, Andhra Pradesh, 139.

Sastry, K. S. M., Pandotra, V. R., Thakur, R. N., Gupta, J. H., Singh, K. P. and Husain, A. Studies on parasitic cultivation of ergot [*Claviceps purpuria* (Fr.) Tul.] in India, 99.

Sheriff, A. .. *See* Mahalakshmi and Sheriff.

Shyama Sharma .. Origin and disposition of the ureter in certain Indian teleosts, 24.

Singh, K. P. .. *See* Sastry and others.

Soota, T. D., Srivastava, C. B. and Ghosh, R. K. Studies on the helminth fauna of the Great Nicobar Island, I, 241.

Srivastava, C. B. .. *See* Soota and others.

Srivastava, N. K. .. Clay minerals from the gulfs of Kutch and Cambay, 251.

Srivastava, O. N. .. *See* Jain and Srivastava.

Srivastava, S. N. S. .. The role of sulphanilamide in the control of rice diseases, 120.

Subbarayudu, G. V. .. *See* Sadashivaiah and Subbarayudu.

Subramaniam, M. K. .. *See* Subramanyam and Subramaniam.

Subrahmanyam, K. and Natarajan, R. A study on the somatic chromosomes of *Therapo*- Cuvier (Teleostei: Perciformes) 288.

Subramanyam, S. and Subramanyam, M. K. Some observations of the behaviour of colchicine-treated cells during recovery in *Allium cepa*, 115.

Swamy, S. N. R. .. *See* Arekal and others.

Talwar, P. K. .. Taxonomic status and identity of *Corvina albida* Cuvier, 1830 (Pisces: Sciaenidae), 201.

.. On the taxonomic position of the genus *Bola* Hamilton, 1822 (Pisces: Sciaenidae), 266.

Tandon, R. N. .. *See* Kapoor and Tandon.

Tasneem Fathima and Kusuma Kumari, P. Embryological studies in Capparidaceae, I, 207.

Thakur, R. N. .. *See* Sastry and others.

Thind, K. S. and Singh, Harnek The helotiales of India, XIV, 171.

TITLE INDEX

Acetylcholine-atropine antagonism as determined by a series of pA values (Gharpure), 33.

Alectoria acanthodes Hue, *Alectoria confusa* sp. nov. and systematic position of the genus *Alectoria* (Awasthi), 149.

Allium cepa, some observations on the behaviour of colchicine-treated cells during recovery in (Subramanyam and Subramaniam), 115.

Bola Hamilton, 1822 (Pisces: Sciaenidae), on the taxonomic position of the genus (Talwar), 266.

Capparidaceae, a study of brachysclereids in two members of (Manju Sharma), 47.

Capparidaceae, embryological studies in, I (Tasneem Fathima and Kusuma Kumari), 207.

Cephalochordates of Madras Coast, studies on the, VI (Azariah), 216.

Clay minerals from the Gulfs of Kutch and Cambay (Srivastava), 251.

Coconut, liquid endosperm of, nodulation of soyabean as influenced by the (Iswaran and others), 236.

Corvina albida Cuvier, 1830 (Pisces: Sciaenidae), taxonomic status and identity of (Talwar), 201.

Cycas circinalis L., life-history of, IV (Rao), 179.

Cyclotella meneghiniana Kütz., studies on, I (Rao), 285.

Dona Paula point in Marmugao Bay, Goa, observations on certain environmental features at the (Dehadrai), 56.

Drimiopsis kirkii Baker, Karyomorphological studies in (Mahalakshmi and Sheriff), 270.

Ergot [*Claviceps purpuria* (Fr.) Tul.], studies on parasitic cultivation of (Sastry and others), 99.

Florachromes: their chemical nature and spectroscopic behaviour (Raman), 1.

Great Nicobar Island, studies on the helminth fauna of the, I (Soota and others), 241.

Helotiales of India, XIV (Thind and Singh), 171.

Lindernia hyssopioides (L.) Haines, contribution to the embryology of (Arekal and others), 221.

Metacercaria of freshwater fishes of India, studies on, III (Pandey), 162.

Orthopyroxenes from the Kondavidu charnockites, Guntur District, Andhra Pradesh (Sadashivaiah and Subbarayudu), 139.

Patagifer (Trematoda: Echinostomatidae), genus, on the validity of some species of the (Jain and Srivastava), 156.

Phytophthora, genus, physiological studies on the, I (Mantri and Deshpande), 129.

Polygonaceae, some, epidermal structure and development of stomata in (Inamdar), 91.

Raffinose, assimilation of , by two pathogenic fungi (Kapoor and Tandon), 261.

Rice diseases, the role of sulphanilamide in the control of (Srivastava), 120.

Rice, germinating seeds of, amino-acids and sugars in the exudates from (Leelavathy), 81.

Sandal spike, studies on, VIII (Parthasarathi and others), 277.

Sulphide ores from Ingaldhal, Chitaldurg District, Mysore State, minerographic study of some of the (Pathan and Naganna), 41.

Teleosts, Indian, certain, origin and disposition of the ureter in (Shyama Sharma), 24.

Teleosts, some observations on the branchiocephalic arterial system of (Goswami and others), 187.

Teleosts, some, studies on the visceral venous system of (Goswami and others), 194.

Therapon Cuvier (Teleostei: perciformes), somatic chromosomes of, a study on (Subrahmanyam and Natarajan), 288.

Zuari and Mandovi estuaries, changes in the environmental features of the, in relation to tides (Dehadrai), 68.

f (Arekal

52.

Andhra

ne species

shpande),

Inamdar),

lon), 261.

), 120.

elavathy),

erographic

Sharma),

(Goswami

nd others),

study on

of the, in